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**GREEN SEEDLINGS
CHRISTMAS TREES**

CARINO

NURSERIES

Indiana, Penna.

**LOCATED IN THE HEART OF THE
PENNSYLVANIA PINE FORESTS**

**Wholesale Price List
1963**



Seedlings For
CHRISTMAS TREE PRODUCTION
Our Specialty

CARINO NURSERIES, Box 491, Indiana, Penna.

ORDER BLANK

PLEASE PRINT

Date

Name

Street No. or R. F. D.

City and State

Date Wanted (approximately)

Ship To

Street No. or R. F. D.

City and State

Quantity	Nursery Stock	Age	Size	Unit Price	Amount

Shipping Instructions

☐ Will Call ☐ Express ☐ Parcel Post

Amt. of Order

Sales Tax

Deposit

Balance C. O. D.

PENNSYLVANIA SALES TAX

Residents of Pennsylvania are subject to 4% sales tax on stock purchased from our Nursery, except on stock which is purchased for resale in its original form or for horticultural production (Christmas trees and ornamentals) in which case it will be necessary that this Sales Tax Exemption be completed and mailed with your order.

Out-of-State purchasers taking delivery at our Nursery are also subject to 4% sales tax, but have the same benefit of exemptions as Pennsylvania residents. Out-of-State purchasers ordering stock for shipment and delivery by common carrier are not subject to this sales tax.

To CARINO NURSERIES

Box 491, INDIANA, PA.

I CERTIFY that, unless I advise you to the contrary in writing, all property purchased hereunder is exempt because: (Check one)

- ☐ Stock will be resold in original form.
- ☐ Stock is to be used for Horticultural Production, (Christmas trees or Ornamentals).

Misuse of this Certificate by Seller, buyer or their representatives is punishable by fine and imprisonment.

Purchaser's name and title

Address

Signature

Date

Box 491
INDIANA, PENNA.

Spring Shipping Season
 Begins March 25.

Nursery Office — Open
 8 A.M.-5 P.M. — Mon.-Sun.



SCOTCH PINE — Largest seller on the Christmas Tree market. Retains its needles well and reacts favorably to shearing. Produces a marketable Yule tree in 7-8 years. Aside from use as Christmas Trees, Scotch can be used as windbreaks and pulpwood.

Scotch Pine — French Auvergne

Slow growing with short blue-green needles. Desirable color holding characteristics during winter months.

			Per 100	Per 1000
2-yr. Seedlings	2-0	3-6"	4.00	20.00
3-yr. Seedlings, R. P.	3-0	4-8"	5.00	25.00
3-yr. Seedlings, R. P.	3-0	8-12"	6.00	30.00

Scotch Pine — Spanish Guadarrama

Slow growing with short blue-green needles. Has desirable color holding characteristics during winter months. Very popular among Christmas Tree growers.

3-yr. Seedlings, R. P.	3-0	4-8"	5.00	25.00
3-yr. Seedlings, R. P.	3-0	8-14"	6.00	30.00

Scotch Pine — Highland

Moderate growing with medium length deep green needle. Has desirable color holding characteristics during winter months.

3-yr. Seedlings, R. P.	3-0	4-8"	5.00	25.00
3-yr. Seedlings, R. P.	3-0	8-14"	6.00	30.00

Austrian Pine

Very hardy with stout branches. Needles are 4-6" long, medium green in color. Can be used as a Christmas Tree, ornamental or windbreak.

3-yr. Seedlings, R. P.	3-0	8-14"	5.00	25.00
4-yr. Seedlings, R. P.	4-0	12-18"	7.00	35.00

White Pine — Lake States

Has long, soft deep green needles. Reacts well to shearing. Makes an excellent ornamental, as well as Christmas or timber tree.

3-yr. Seedlings, R. P.	3-0	4-8"	6.00	30.00
3-yr. Seedlings, R. P.	3-0	8-12"	8.00	40.00

American Red Pine

Very hardy. Stout branches, long deep green needles. Increasing in demand for Christmas Trees. Also timber, windbreaks.

3-yr. Seedlings	3-0	6-8"	6.00	30.00
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SPRUCE — Slow-growing with short needles in comparison with the Pines. They are conical in shape and require a minimum of shearing to maintain density. Good drainage is required for a successful planting. Spruces are unsurpassed for their use as ornamentals and increasing in demand as live and fresh cut Christmas Trees. They can be grown successfully in partial shade or full sunlight.

Norway Spruce

Fastest growing spruce. Drooping branchlets with dark green needles. Prefers well drained soil. Used as ornamentals, Christmas Trees, windbreaks.

2-yr. Seedlings	2-0	4-8"	4.00	20.00
3-yr. Seedlings, R. P.	3-0	8-14"	5.00	25.00
4-yr. Seedlings, R. P.	4-0	14-20"	7.00	35.00
5-yr. Transplants	3-2	14-20"	15.00	75.00
6-yr. Transplants	3-3	16-24"	17.00	85.00

CARINO NURSERIES

WHOLESALE PRICE LIST - 1963

White Spruce

Very hardy with moderate growing rate. Needles blue-green, about $\frac{1}{2}$ " long. Grows dense and symmetrical with little shearing. Used as ornamentals, Christmas Trees and windbreaks.

			Per 100	Per 1000
2-yr. Seedlings	2-0	3-6"	4.00	20.00
3-yr. Seedlings, R. P.	3-0	8-12"	6.00	30.00
4-yr. Seedlings, R. P.	4-0	12-15"	7.00	35.00
4-yr. Seedlings, R. P.	4-0	15-20"	8.00	40.00
6-yr. Transplants	3-3	14-20"	17.00	85.00
6-yr. Transplants	3-3	18-24"	20.00	100.00
7-yr. Twice Transplants	3-2-2	20-24"	35.00	xxxxx

Colorado Blue Spruce

Most popular of all spruces for ornamental use. Color of needles ranges between a dark green and a silver blue depending upon the particular plant soil conditions. Has the longest needles and slowest growing rate of all the spruces. It commands premium price as a live or fresh cut Christmas Tree.

2-yr. Seedlings	2-0	3-6"	5.00	25.00
3-yr. Seedlings, R. P.	3-0	4-8"	6.00	30.00
3-yr. Seedlings, R. P.	3-0	8-12"	8.00	40.00
4-yr. Seedlings, R. P.	4-0	10-16"	10.00	50.00
5-yr. Seedlings, R. P.	5-0	16-24"	16.00	80.00
5-yr. Transplants	3-2	10-14"	18.00	90.00
6-yr. Transplants	3-3	8-12"	18.00	90.00
6-yr. Transplants	3-3	12-20"	22.00	110.00
8-yr. Twice Trans.	3-2-3	20-24"	50.00	xxxxx

Black Hills Spruce

Slow growing with green needles. Very hardy and able to withstand severe weather. Requires little shearing to maintain shape and compactness. Popular use as ornamentals and Christmas Trees.

2-yr. Seedlings	2-0	3-6"	5.00	25.00
3-yr. Seedlings, R. P.	3-0	6-10"	7.00	35.00

Engelmann Spruce

Slow growing with blue-green needles. Very hardy, grows well on northern slopes. Ornamentals and Christmas Trees.

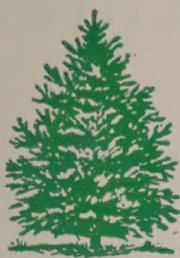
2-yr. Seedlings	2-0	4-8"	6.00	30.00
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FIR — Short needled, somewhat similar to spruce, although they may be distinguished by their flat needles and upright cones. They prefer moist soils which are kept cool by shading from the sun; therefore, the upper half of north or east slopes work well. Firs should not be planted in frost pockets. Because of the slow rate of growth, only a minimum amount of shearing is required to produce marketable trees.

Concolor Fir

Needles are flat, about $1\frac{1}{2}$ -2" long and bluish green in color. The new growth is light colored and remains so during much of the year. Good drainage is required for a successful planting. Ornamentals, Christmas trees, timber.

2-yr. Seedlings	2-0	3-6"	5.00	25.00
3-yr. Seedlings, R. P.	3-0	6-10"	8.00	40.00



Area Code 412

Phones:

Indiana 463-3350

If no answer, call

Indiana 465-6491

All nursery stock has been
State and Federal Inspected.

Douglas Fir — Colorado

Most popular of all Firs on the Pennsylvania Christmas Tree market. Needles are 1" long and bluish green in color. Branches are horizontal with drooping branchlets. Also ornamentals and timber.

			Per 100	Per 1000
2-yr. Seedlings	2-0	4-8"	5.00	25.00
3-yr. Seedlings, R. P.	3-0	8-14"	7.00	35.00
6-yr. Transplants	3-3	10-18"	18.00	90.00

Douglas Fir — Shuswap Lake

Similar to above, but silver-blue foliage.

2-yr. Seedlings	2-0	4-8"	5.00	25.00
3-yr. Seedlings, R. P.	3-0	8-12"	7.00	35.00
4-yr. Seedlings, R. P.	4-0	12-18"	12.00	60.00

Balsam Fir

A beautiful evergreen that grows best at high altitudes and northern areas. Prefers a cool, moist sheltered location. Needles are 1" long, flat and blue-green in color. Very fragrant. Widespread use as Christmas Trees.

2-yr. Seedlings	2-0	3-6"	6.00	30.00
3-yr. Seedlings	3-0	6-9"	8.00	40.00

Field Grown

BALLED & BURLAPPED STOCK

Nursery Pick-up only

Colorado Blue Spruce

		Per 10	Per 100
2-3 feet	Each	4.50	4.00
3-4 feet	Each	5.50	5.00
4-5 feet	Each	7.00	6.50
5-6 feet	Each	8.00	7.50

White Spruce

2-3 feet	Each	4.00	3.50
3-4 feet	Each	5.00	4.50

Norway Spruce

2-3 feet	Each	4.00	3.50
3-4 feet	Each	5.00	4.50
4-5 feet	Each	6.00	5.50
5-6 feet	Each	7.00	6.50

White Pine

4-5 feet	Each	5.00	4.50
5-6 feet	Each	6.00	5.50
6-7 feet	Each	7.00	6.50

Red Pine

4-5 feet	Each	5.00	4.50
5-6 feet	Each	6.00	5.50

Scotch Pine

3-4 feet	Each	4.00	3.50
4-5 feet	Each	5.00	4.50
5-6 feet	Each	6.00	5.50

Carino Nurseries

Box 491
Indiana, Penna.

Dear Customer,

We cordially invite you to visit our Nursery and inspect our stock. Find out for yourself that top quality seedlings and transplants can be bought for less. Our services are available to assist you with your present planting program or to establish one for you.

Sincerely,

A. F. Carino

TERMS AND ORDERING INFORMATION

All stock is offered subject to prior sale and subject to any damage caused by weather or any other cause between the date of order and shipping date. All orders are shipped at the risk and cost of the purchaser. Our liability ceases when trees are delivered to the carrier. If breakage occurs and if stock suffers through delay in transit, claims should be made on the transportation company immediately.

Stock will be sent Parcel Post or Express Collect, whichever is cheaper, if directions are not given.

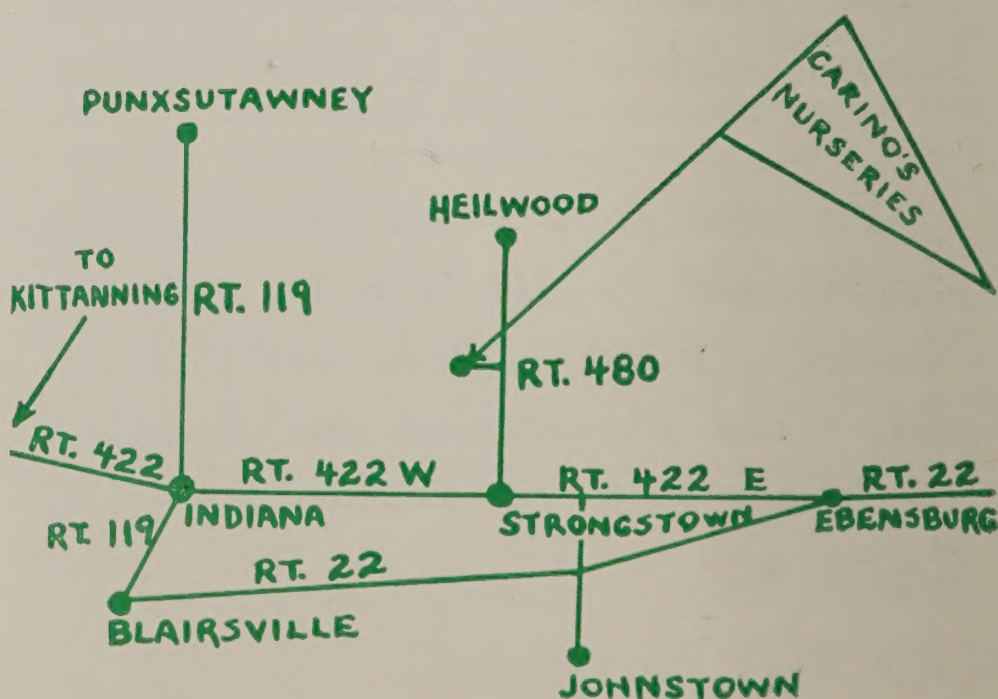
Orders must be accompanied by cash or a 25% deposit. The balance will be shipped C.O.D. 500 trees of one kind are sold at the 1000 rate, less than 500 at the 100 rate. Samples are sold at the 100 rate, minimum shipment, 25 trees.

Add \$.50 packing charge on orders totaling \$5.00 or less. Larger orders will be packed free of charge.

This list supercedes and cancels all previous listings.

Order Early

NURSERY LOCATION





Christmas Tree Retailers & Wholesalers

Our Christmas Tree plantations include over 1,000,000 trees. Scotch Pine is our specialty; however, we grow sufficient quantities of Red and White Pine, as well as Norway, White and Blue Spruce to satisfy customer demands.



At the Pennsylvania Farm Show held at Harrisburg during January 1963, Carino Nurseries won two awards in the statewide Christmas Tree competition. Our White and Scotch Pine entries placed First and Second respectively in their classes.



We take great pride in our plantations and invite you to visit us. Nursery, Field Office, and Christmas Tree Plantations are located 16 Miles East of Indiana — Off Route 422.

CARINO NURSERIES *Tip*

CARE OF STOCK ON ARRIVAL

Remove from containers, dip in muddy water and plant as soon as possible. If it is necessary to keep the trees for a couple of days before planting, dig a V-shaped trench deep enough to accommodate the roots, remove all packing material, open the bundles and place the trees in the trench, packing loose soil tightly around the roots. If possible, the trench should be in a shaded location, near the planting site and accessible to water. Do not expose the roots to sunlight or drying winds.

CHOICE OF STOCK

The demand for Scotch Pine on the Eastern market is steadily increasing, we doubt the peak will be reached before several years. Balsam Fir still holds a substantial portion of the market along the Eastern seaboard, but Scotch Pine is slowly cutting into it. There is good demand in some areas for live and fresh cut spruce. Bushy, symmetrical, quality spruce will always be very much in demand as Christmas Trees and ornamentals. Sheared Fir (Douglas, Balsam, Fraser and Concolor), live and fresh cut are commanding premium prices as Christmas Trees; the potential market is far greater than the supply available. Spruce and Fir are sound planting investments, they may be sold as ornamentals, live or fresh cut Christmas Trees and as timber. The time required for sheared pine to reach Christmas Tree market size is 7-8 years, in comparison with 12-15 years for sheared spruce and fir. For the most economical use of your land, a variety of species should be planted.

Discounts On Large Quantities of Seedlings

SUGGESTED PLANTING SIZES

For field planting, we recommend three year old pine seedlings, six inches or over. Larger seedlings should be planted if the soil is fertile and apt to produce high grass and weeds. As for spruce and fir, plant nothing less than three year old seedlings, eight inches or over; four year old seedlings and transplants (3-2) or (3-3) are recommended but not necessary for a successful planting. Smaller seedlings should be lined out in beds until the above sizes are reached, they may then be transplanted in fields.

PLANTATION LAYOUT

Proper layout of your particular plot of ground is important in order to get maximum use of your land, also allow you to raise and harvest your crop in an efficient manner. The plantation should be divided with access roads about every twenty rows. These roads are important for the control of diseases and insects, fire, and they also facilitate harvesting your Christmas Trees. If your plantation is near a road accessible to trucks, an area should be left unplanted on which marketable trees can be piled and prepared prior to shipping.

Attention: We contract Planting jobs with modern tree planters. Contact us and we will quote you a price.

PLANTING DISTANCE

We recommend a spacing of 6 x 6. Today's market requires large, dense symmetrical trees; sufficient space is needed to raise such a tree. As soon as the bottoms of two trees touch while growing in a plantation, the result will eventually be two one-sided trees or a loss of \$1.50 or more on the market value. 1210 trees can be planted per acre with the 6 x 6 spacing, 1720 per acre with the 5 x 5 spacing. Rows should be kept straight with even spacing, especially when mowing is anticipated.

WHEN TO PLANT

Spring planting season is from April 1 to May 15, and is gen-

Growers of TOP QUAL

to Christmas Tree Growers

erally considered the most satisfactory. The length of the season will vary with weather conditions since it is governed by the presence of adequate moisture in the soil.

All nursery stock (3-0) or older has been carefully root-pruned.

PLANTING METHODS

Machine planting is recommended where several thousands of plants must be set. Many different makes of tree planters are available on the market and to the best of our knowledge all will do a satisfactory job. A machine planting crew consists of three men, a tractor driver, a planter and a follower. The follower checks the plants after they are set by the planter to insure they are straight and completely sealed off from the wind and sun. The follower should carry a bucket with additional plants and a hand planting tool; he will then be able to plant trees in spaces missed by the planter. Hand planting is recommended for small planting jobs or when the terrain does not permit machine planting. Each man should carry a mattock or tree planting spade and a bucket; plants should be kept in the bucket with roots immersed in soft mud until they are ready to be planted. Holes should be opened deep enough and wide enough to allow for spreading out the roots. Place the tree in the hole and tamp ground around it firmly; the tree should be set about $\frac{1}{2}$ " deeper than it was at the nursery. The average man will plant about 800 seedlings per day. We suggest that stakes be used when hand planting to get your rows straight.

CARE OF PLANTATION

It is not necessary to cultivate the field in any manner. In most cases sod proves to be an advantage, however, if the grass is heavy and becomes too tall, then we suggest mowing between the rows with a power driven mower. All hardwood should be cleared from a plantation; Scotch Pine, in particular thrives on sunshine and does poorly in partial shade. Many growers plant Spruce in the first five to ten rows bordering a wooded area, it does well in partial shade.

Our seedlings and transplants have straight trunks and hardy root-systems.

SHEARING

In order to grow the dense symmetrical trees demanded by today's market, we must shear. Pines should be sheared as soon as the new growth has developed and before it gets tough and woody. In Pennsylvania, this period is from about June 1 to July 15. Spruce can be sheared anytime after July 1. Shearing the new growth increases the bud development and also controls the shape of the tree. The length of the terminal shoot or main leader controls the distance between the whorls of branches thereby regulating the density of the tree; it is very important and we suggest that it be trimmed to a length of 10-12 inches. Bear in mind the side branches must be sheared in order to maintain a well proportioned tree; if they are not, the result will be a tree too wide for its height. Your trees should be given a light shearing the second year after planting and sheared every year thereafter until harvest. You should begin the basic shape of the tree during the first shearing and remove all double stems. In cases where two trees are growing together or where you have a single tree with two stems, remove one of them. Only a light shearing is required the year in which you anticipate harvesting your crop of trees. Shearing is one of the most important phases of Christmas Tree growing, therefore, when you are ready to begin, we suggest you attend one of the shearing demonstrations sponsored by the Christmas Tree Growers' Association or by the State Universities. In the event these demonstrations are not available to you, visit us and we will assist you.

ITY CHRISTMAS TREES

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CARINO NURSERIES

Box 491

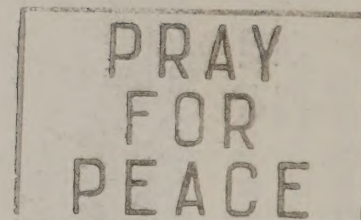
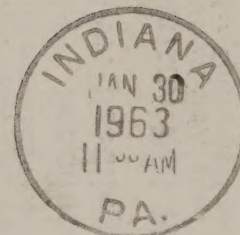
INDIANA, PENNSYLVANIA

1963

Wholesale Price List

Evergreen Seedlings and Transplants

Balled and Burlapped Stock



National Agricultural Library
RECEIVED

★ FEB 5 1963 ★

U. S. Department of Agriculture

U. S. Department of Agriculture
Library, Division of Reference,
Washington 25, D. C.

Winner of the FIRST PRIZE AWARD for WHITE PINE CHRISTMAS TREES at the 1963 Penna. Farm Show.

